

RWC Nozzle

The RWC series nozzles are machined from solid copper bars. This assures consistent dimensional stability and an efficient dissipation of heat. The nozzles house a fiberglass spatter shield and are also nickel-plated to offer further prevention of spatter bridging between the nozzle and gas diffuser.

The RWC24 series nozzles will fit the QTRW64 robotic conductor tube assemblies and the RWC26 series nozzles will fit the QTRW66 series robotic conductor tube assemblies. See below for the different nozzle options that are offered.



RWC24-50



RWC26-75

RWC24 & RWC26 Nozzle Standard Tip Recess - .125" to .156" (3,17mm to 3,96mm)

| Bore Size | Part No. | Stock No. | A | B | C | D |
|--------------|----------|-----------|-------------|-------------|--------------|--------------|
| .375"- 9,5mm | RWC24-37 | 1240-1330 | .40"/10,2mm | .51"/13,0mm | .87"/22,1mm | 1.00"/25,4mm |
| .500"-12,7mm | RWC24-50 | 1240-1331 | .52"/13,2mm | .63"/16,1mm | .94"/23,8mm | 1.00"/25,4mm |
| .625"-15,9mm | RWC24-62 | 1240-1332 | .65"/16,4mm | .82"/20,8mm | .97"/24,3mm | 1.00"/25,4mm |
| .750"-19,1mm | RWC24-75 | 1240-1333 | .77"/19,6mm | .95"/24,1mm | 1.23"/31,3mm | 1.00"/25,4mm |
| .500"-12,7mm | RWC26-50 | 1264-1430 | .52"/13,2mm | .63"/16,1mm | .80"/20,3mm | 1.06"/27,0mm |
| .625"-15,9mm | RWC26-62 | 1264-1431 | .65"/16,4mm | .82"/20,8mm | .89"/22,7mm | 1.06"/27,0mm |
| .750"-19,1mm | RWC26-75 | 1264-1432 | .77"/19,6mm | .94"/23,8mm | .95"/24,6mm | 1.06"/27,0mm |

RWC24 & RWC26 Nozzle Flush Recess – Flush to .062" (1,57mm)

| Bore Size | Part No. | Stock No. | A | B | C | D |
|--------------|-----------|-----------|-------------|-------------|--------------|--------------|
| .375"- 9,5mm | RWC24-37F | 1240-1340 | .40"/10,2mm | .51"/13,0mm | .76"/19,3mm | 1.00"/25,4mm |
| .500"-12,7mm | RWC24-50F | 1240-1341 | .52"/13,2mm | .63"/16,1mm | .83"/21,0mm | 1.00"/25,4mm |
| .625"-15,9mm | RWC24-62F | 1240-1342 | .65"/16,4mm | .82"/20,8mm | .85"/21,5mm | 1.00"/25,4mm |
| .750"-19,1mm | RWC24-75F | 1240-1343 | .77"/19,6mm | .95"/24,1mm | 1.12"/28,5mm | 1.00"/25,4mm |
| .500"-12,7mm | RWC26-50F | 1264-1440 | .52"/13,2mm | .63"/16,1mm | .69"/17,5mm | 1.06"/27,0mm |
| .625"-15,9mm | RWC26-62F | 1264-1441 | .65"/16,4mm | .82"/20,8mm | .78"/19,9mm | 1.06"/27,0mm |
| .750"-19,1mm | RWC26-75F | 1264-1442 | .77"/19,6mm | .94"/23,8mm | .84"/21,4mm | 1.06"/27,0mm |

RWC24 & RWC26 Nozzle Protruding - .125" to .187" (3,17mm to 4,75mm)

| Bore Size | Part No. | Stock No. | A | B | C | D |
|--------------|-----------|-----------|-------------|-------------|-------------|--------------|
| .375"- 9,5mm | RWC24-37P | 1240-1335 | .40"/10,2mm | .51"/13,0mm | .57"/14,5mm | 1.00"/25,4mm |
| .500"-12,7mm | RWC24-50P | 1240-1336 | .52"/13,2mm | .63"/16,1mm | .64"/16,3mm | 1.00"/25,4mm |
| .625"-15,9mm | RWC24-62P | 1240-1337 | .65"/16,4mm | .82"/20,8mm | .66"/16,7mm | 1.00"/25,4mm |
| .750"-19,1mm | RWC24-75P | 1240-1338 | .77"/19,6mm | .95"/24,1mm | .93"/23,7mm | 1.00"/25,4mm |
| .500"-12,7mm | RWC26-50P | 1264-1435 | .52"/13,2mm | .63"/16,1mm | .51"/12,8mm | 1.06"/27,0mm |
| .625"-15,9mm | RWC26-62P | 1264-1436 | .65"/16,4mm | .82"/20,8mm | .60"/15,2mm | 1.06"/27,0mm |
| .750"-19,1mm | RWC26-75P | 1264-1437 | .77"/19,6mm | .94"/23,8mm | .66"/16,7mm | 1.06"/27,0mm |

